

Model	Dimensions				*Line Connection		Pumpdown 90 ° F 90% Full	Air CFM	Oil Chg oz.	Gr. Wt. lbs.
	L	W	H	CH	Suct.	Liq.				
AJA7441AXAXW	24.0	17.0	9.0	11.63	1/2 F	3/8 F	5.3#	---	22	89
*F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare Or Solder Connections Factory charge: 20 psig nitrogen - MUST BE EVACUATED										
Use 3/8" Min Pipe Size Water Valve Inlet 3/8" NPT										
Performance: Ambient 90° F-Return Gas 65° F-Condenser Water In 75° F-Head 125 psig										
Evaporator Temp, °F					-10	0	+10	+20	+30	
BTU/HR					2080	2810	3800	4980	6280	
Water Usage - gpm					.18	.23	.32	.45	.62	
Watts					480	555	635	710	790	
The water valve should be adjusted to maintain a maximum of 95° F water outlet temperature in order to minimize water scaling within the condenser.										

SPECIFICATIONS **AJA7441AXAXW**

Nominal Voltage ----- **115-60-1**

Unit B/M ----- **2B209-9**

Voltage Range ----- **126.5 to 103.5**

Min. Circuit Ampacity -- **11.0**

Max. Fuse Size (Amps) -- **15**

Compressor Model ----- **AJA7441AXA**

Bill of Material -- **AJ530AT-336**

RLA/LRA ----- **8.8/49.5**

ESP Overload ----- **P83656-1**

ESP Relay ----- **P82498-1**

Relay Box Assy. --- **AE1168-064**

Start Cap ----- **85PS125C94**

Rating ----- **378-440/125V**

Pressure Controls ----- **Dual 84056**

Condenser ----- **50812**

Receiver Tank ----- **51081**

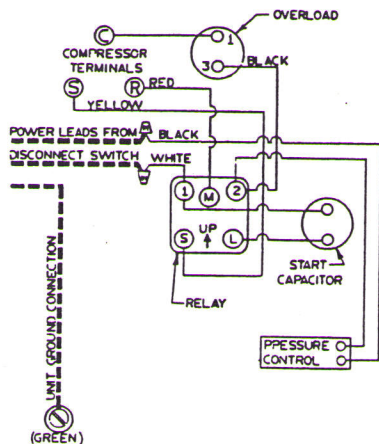
Receiver Tank Valve --- **31547 (3/8"F)**

Suction Rotolock ----- **31547-5 (1/2"F)**

Water Regulat. Valve -- **56516**

Unit Drawing ----- **SU1875**

Schematic or Elect. Dwg. ---- **90432-3**



CHG. PART NO.
G 90432-3

ELECTRICIAN FIELD WIRING AND INSTRUCTIONS

- 1- SPLICE INCOMING POWER LEADS, FROM DISCONNECT SWITCH, TO STRIPPED LEADS IN THIS ENCLOSURE.
- 2- INCOMING POWER LEADS MUST BE COPPER CONDUCTORS ONLY (EMPLOYER DES CONDUCTEURS DE CUIVRE SEULEMENT).
- 3- CONNECT INCOMING GROUND LEAD TO GREEN SCREW.
- 4- WHEN T.P.C.U. APPROVED ALTERNATE RELAY IS USED, CONNECT LEADS TO SAME NUMBERED TERMINALS, REGARDLESS OF LOCATION.
- 5- MOUNT RELAY IN PROPER POSITION AS INDICATED ON RELAY BY "TOP" OR "4TOP".